

FORM 6

Rev 02/20

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

402181417

Date Received:

09/18/2019

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 69175 Contact Name: Valerie Danson
Name of Operator: PDC ENERGY INC Phone: (970) 506-9272
Address: 1775 SHERMAN STREET - STE 3000 Fax:
City: DENVER State: CO Zip: 80203 Email: valerie.danson@pdce.com

For "Intent" 24 hour notice required, Name: Tel:
COGCC contact: Email:

Type of Well Abandonment Report: [ ] Notice of Intent to Abandon [X] Subsequent Report of Abandonment

API Number 05-123-20697-00 Well Name: SKURICH/ROTHE Well Number: 6A
Location: QtrQtr: SE Section: 6 Township: 5N Range: 63W Meridian: 6
County: WELD Federal, Indian or State Lease Number:
Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.425000 Longitude: -104.474690
GPS Data: GPS Quality Value: 2.8 Type of GPS Quality Value: PDOP Date of Measurement: 01/30/2007
GPS Instrument Operator's Name: Holly L. Tracy
Reason for Abandonment: [ ] Dry [ ] Production Sub-economic [ ] Mechanical Problems
[ ] Other
Casing to be pulled: [ ] Yes [ ] No Estimated Depth:
Fish in Hole: [ ] Yes [ ] No If yes, explain details below
Wellbore has Uncemented Casing leaks: [ ] Yes [ ] No If yes, explain details below
Details:

Current and Previously Abandoned Zones

Table with 6 columns: Formation, Perf. Top, Perf. Btm, Abandoned Date, Method of Isolation, Plug Depth. Row 1: CODELL, 6758, 6766, 08/21/2019, B PLUG CEMENT TOP, 6708

Total: 1 zone(s)

Casing History

Table with 9 columns: Casing Type, Size of Hole, Size of Casing, Weight Per Foot, Setting Depth, Sacks Cement, Cement Bot, Cement Top, Status. Rows: SURF, 12+1/4, 8+5/8, 24, 364, 255, 364, 0, VISU; 1ST, 7+7/8, 4+1/2, 11.6, 6,954, 370, 6,954, 3,370, CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6708 with 2 sacks cmt on top. CIBP #2: Depth 6370 with 2 sacks cmt on top.  
CIBP #3: Depth 3400 with 2 sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 130 sks cmt from 1715 ft. to 1300 ft. Plug Type: STUB PLUG Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)  
Set 275 sacks half in. half out surface casing from 650 ft. to 0 ft. Plug Tagged:   
Set \_\_\_\_\_ sacks at surface  
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No  
Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: 1600 ft. of 4+1/2 inch casing Cut and Cap Date: 08/23/2019  
\*Wireline Contractor: C&J Energy Services \*Cementing Contractor: C&J Energy Services  
Type of Cement and Additives Used: Type III 14.8 PPG Portland Cement  
Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

#### Technical Detail/Comments:

Skurich/Rothe 6A (05-123-20697)/Plugging Procedure  
Producing Formation: Codell: 6758'-6766'  
Upper Pierre Aquifer: 380'-1480'  
TD: 6997' PBD: 6910'  
Surface Casing: 8 5/8" 24# @ 364' w/ 255 sxs  
Production Casing: 4 1/2" 11.6# @ 6954' w/ 370 sxs cmt (TOC @ 3370' - CBL).

#### Procedure:

1. MIRU pulling unit. Pull 2 3/8" tubing.
2. RU wireline company.
3. TIH with CIBP. Set BP at 6708'. Top with 2 sxs 15.8#/gal CI G cmt.
4. TIH with CIBP. Set BP at 6370'. Top with 2 sxs 15.8#/gal CI G cmt.
5. TIH with CIBP. Set BP at 3400'. Top with 2 sxs 15.8#/gal CI G cmt.
6. TIH with casing cutter. Cut 4 1/2" casing at 1600'. Pull cut casing.
7. TIH with tubing to 1715'. RU cementing company. Mix and pump 130 sxs 14.8#/gal Type III cement down tubing (Pierre coverage from 1715'-1300'). TOC at 1300'.
8. Pickup tubing to 650'. Mix and pump 275 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface.
9. Cut surface casing 6' below ground level and weld on cap.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Valerie Danson  
Title: Reg Tech Date: 9/18/2019 Email: valerie.danson@pdce.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:

Date: 2/24/2022

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

COA Type	Description
0 COA	

**Attachment List**

**Att Doc Num**

**Name**

402181417	FORM 6 SUBSEQUENT SUBMITTED
402181430	CEMENT JOB SUMMARY
402181432	WELLBORE DIAGRAM

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Permitting review complete.	02/17/2022
Engineer	Requested Form 43 to document sample from Form 17 test. PDC response that sample was not caught, when returning to catch sample the plugging operation had begun.	11/25/2019

Total: 2 comment(s)